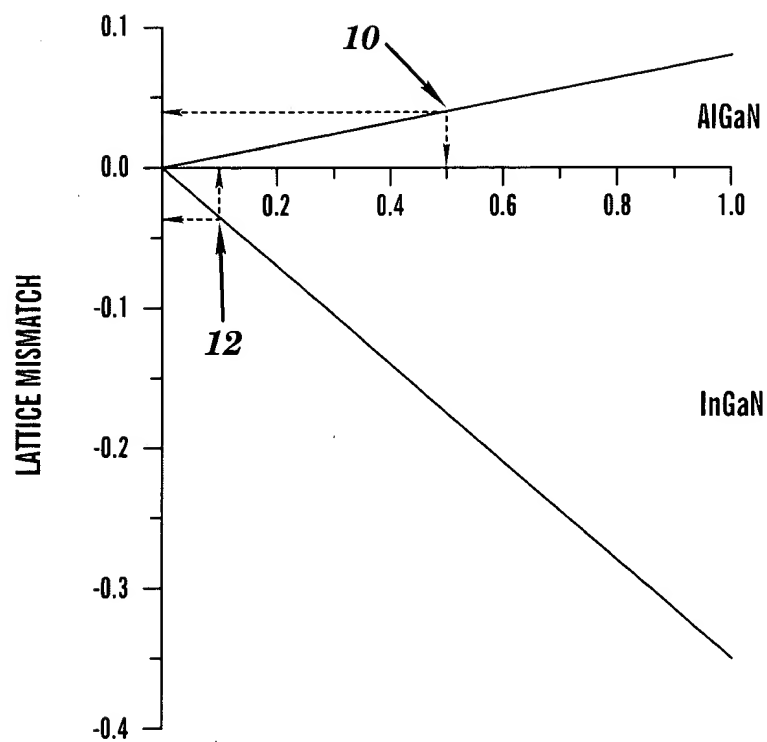
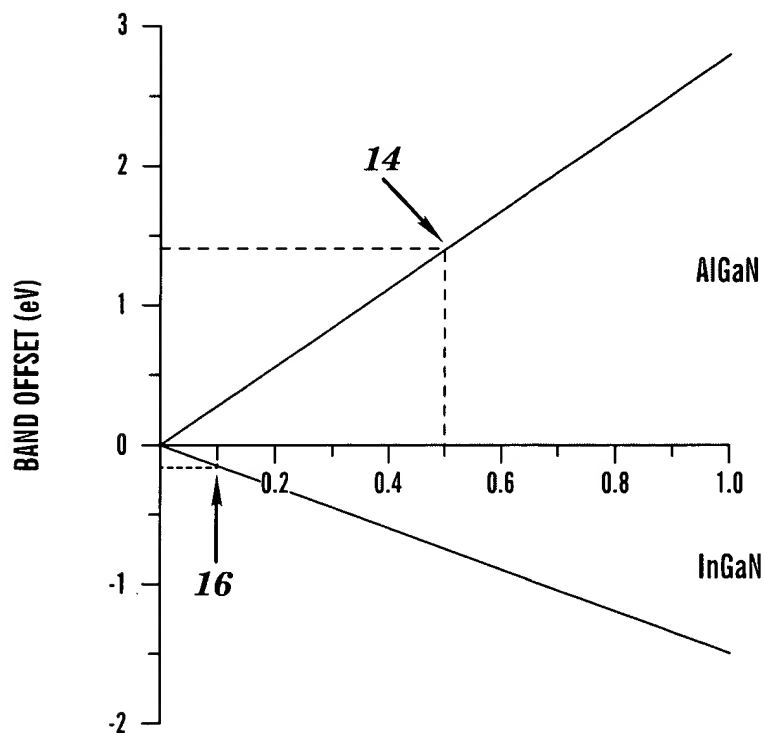




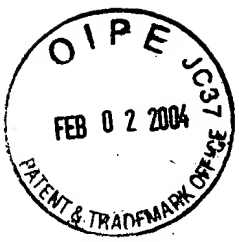
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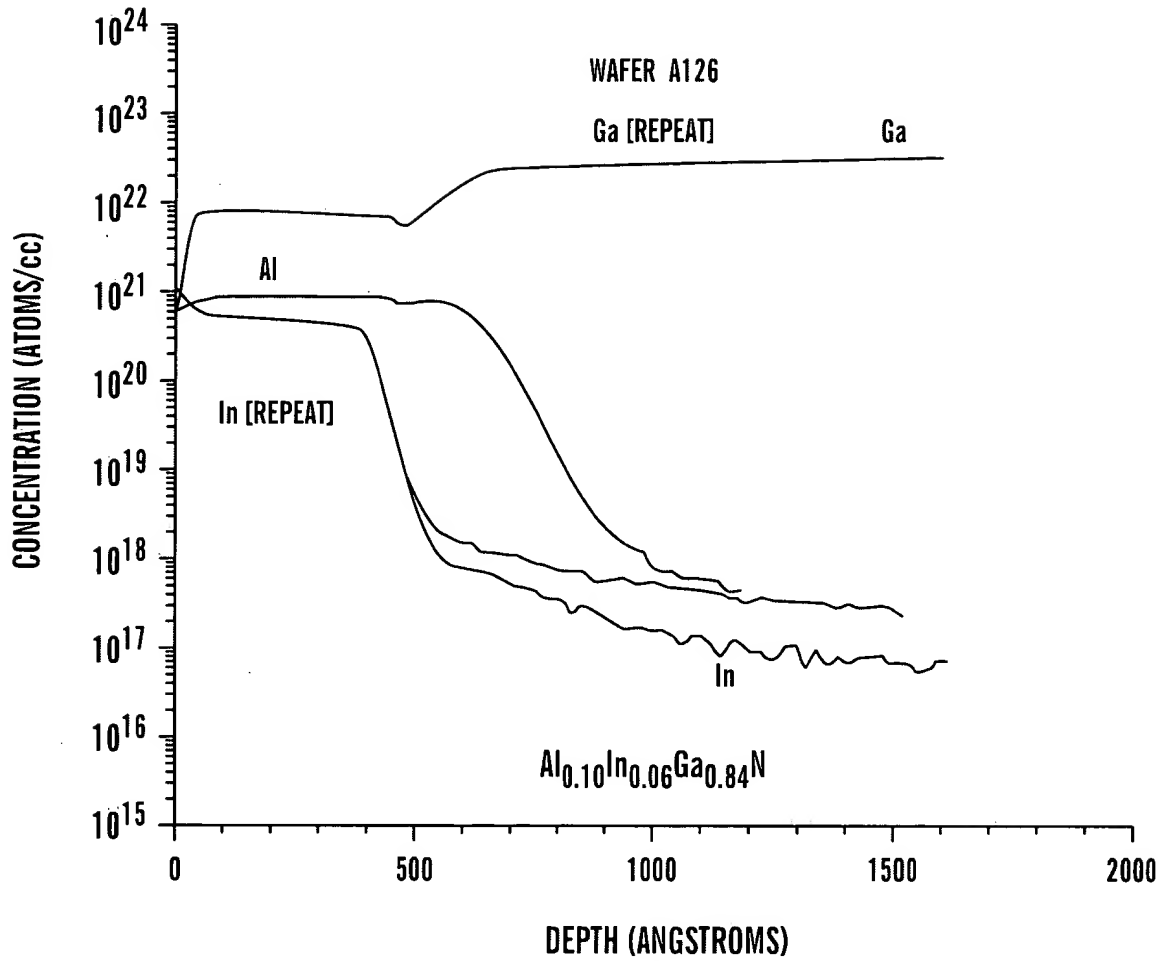
**FIG. 1a**



**FIG. 1b**



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**FIG. 2**

$h\nu = 4.66 \text{ eV}$   
 $\tau = 10 \text{ ns}$   
 $T = 300 \text{ K}$

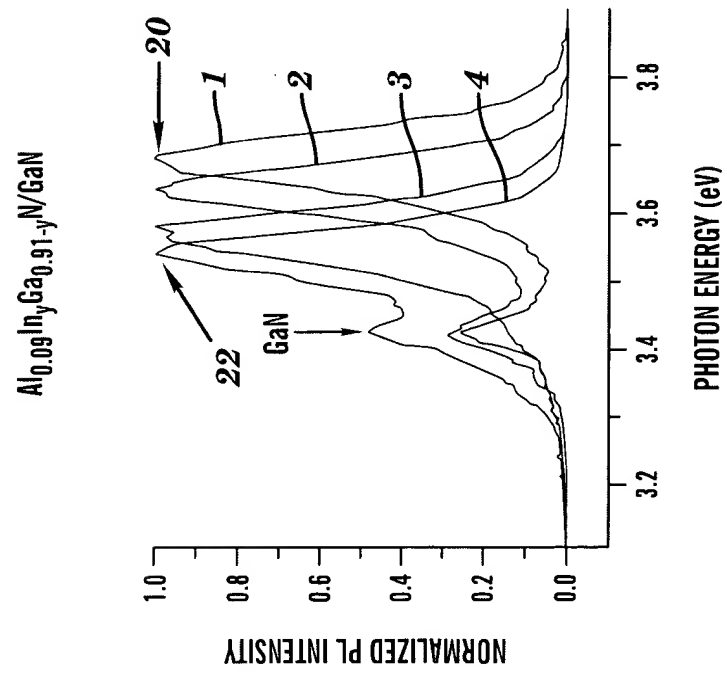


FIG. 3a

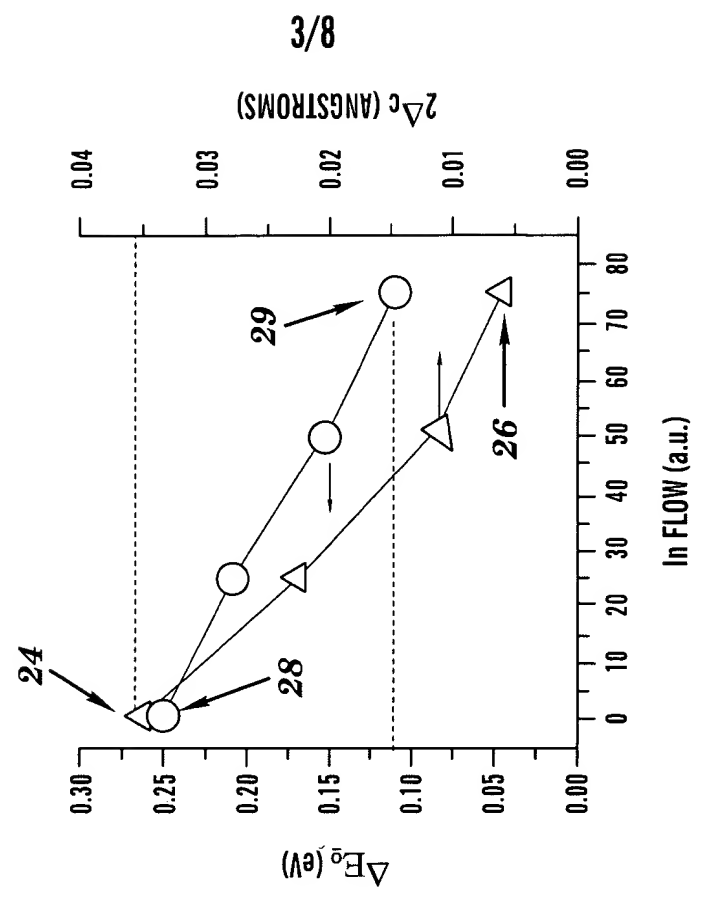
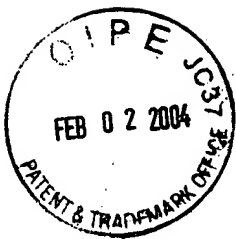
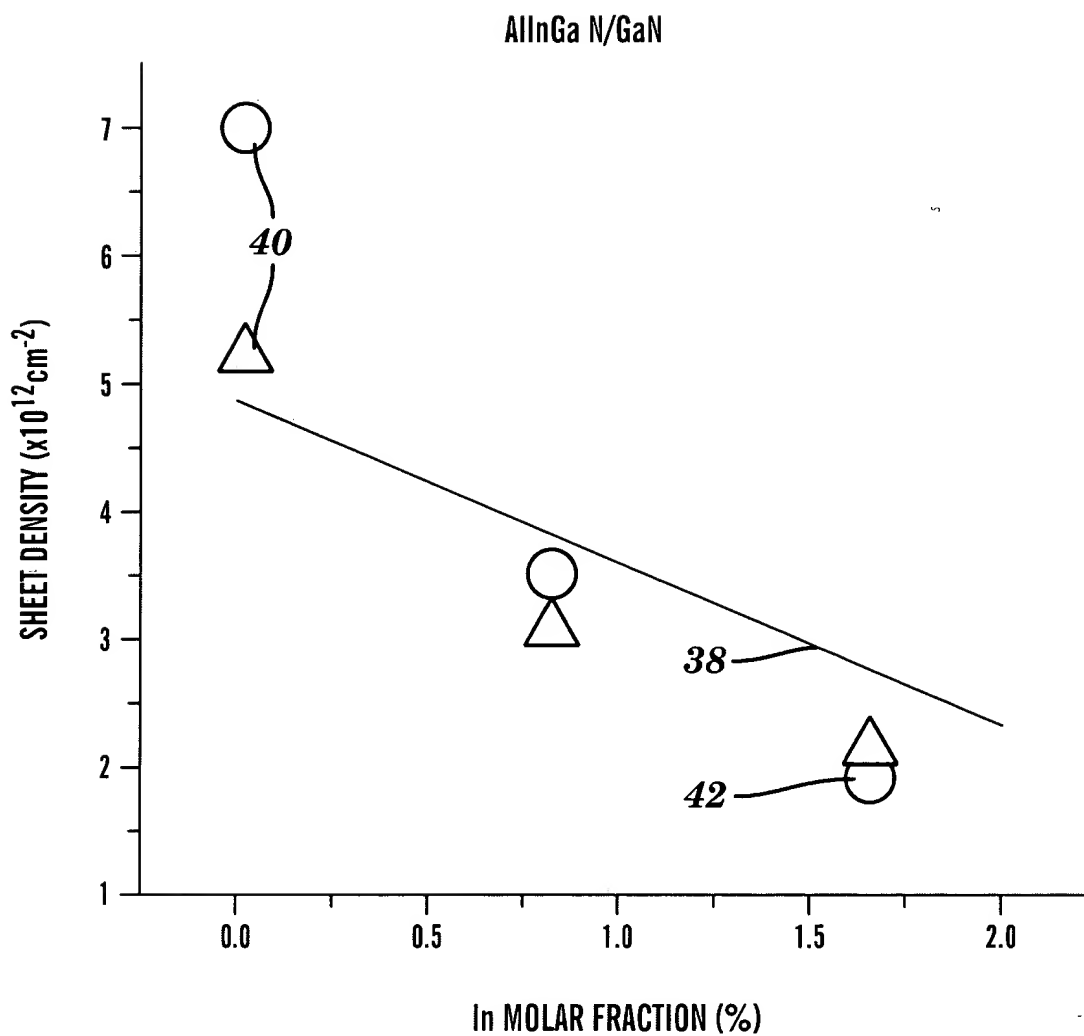


FIG. 3b

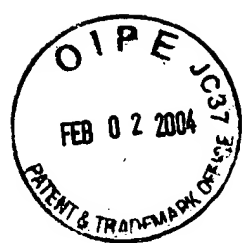


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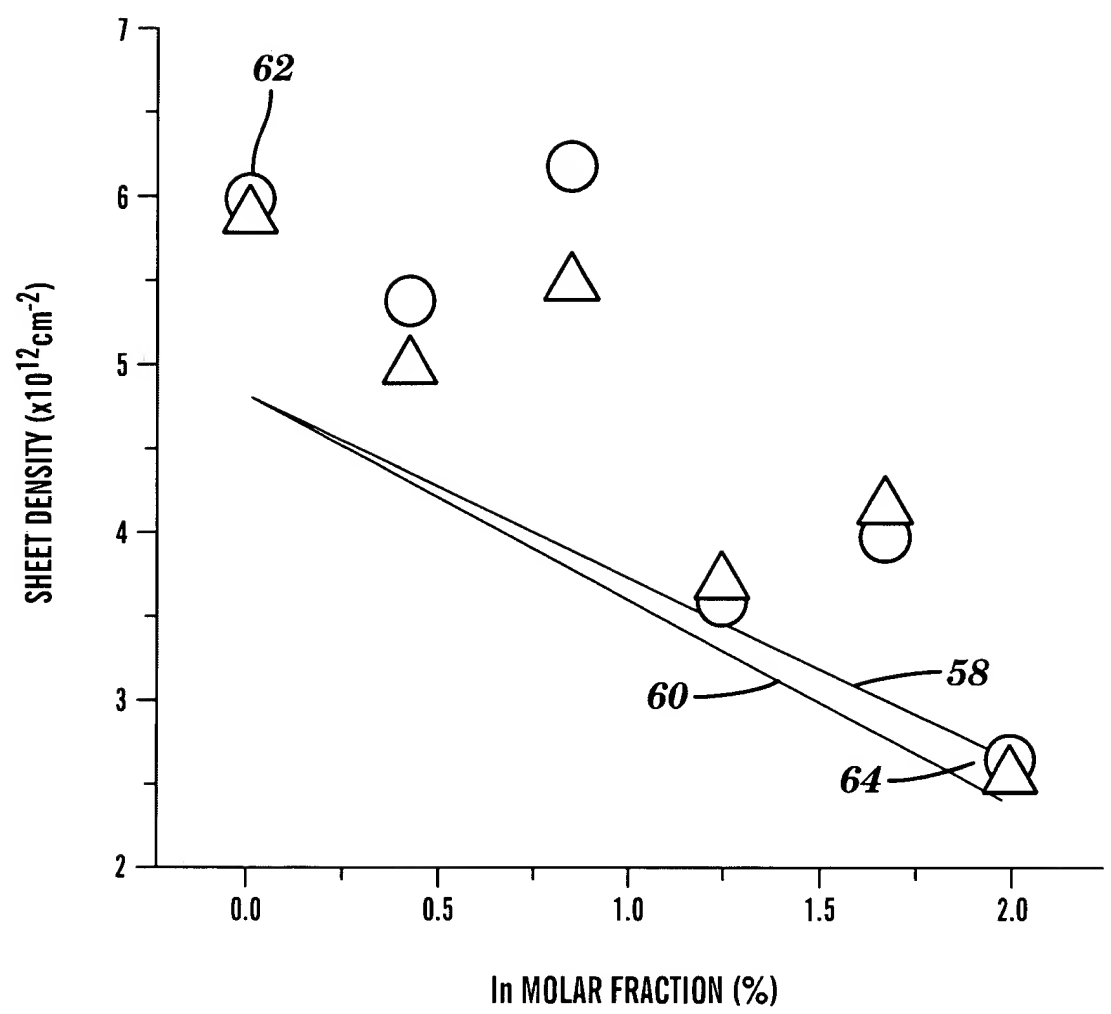
36	AlInGaN
34	i-GaN
32	6H-SiC



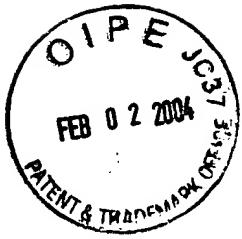
**FIG. 4a**



52	AlInGaN
50	AlGaN
56	i-GaN
54	6H-SiC

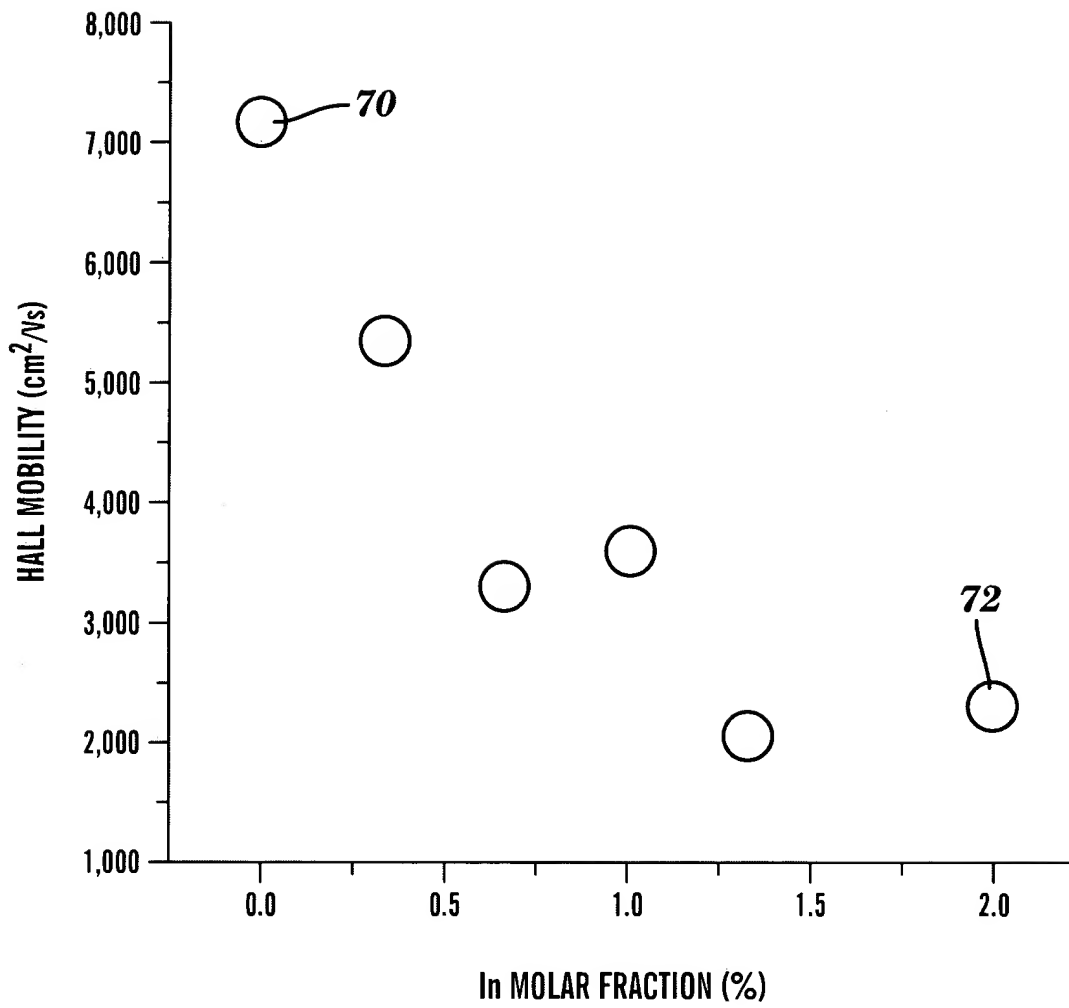


**FIG. 4b**



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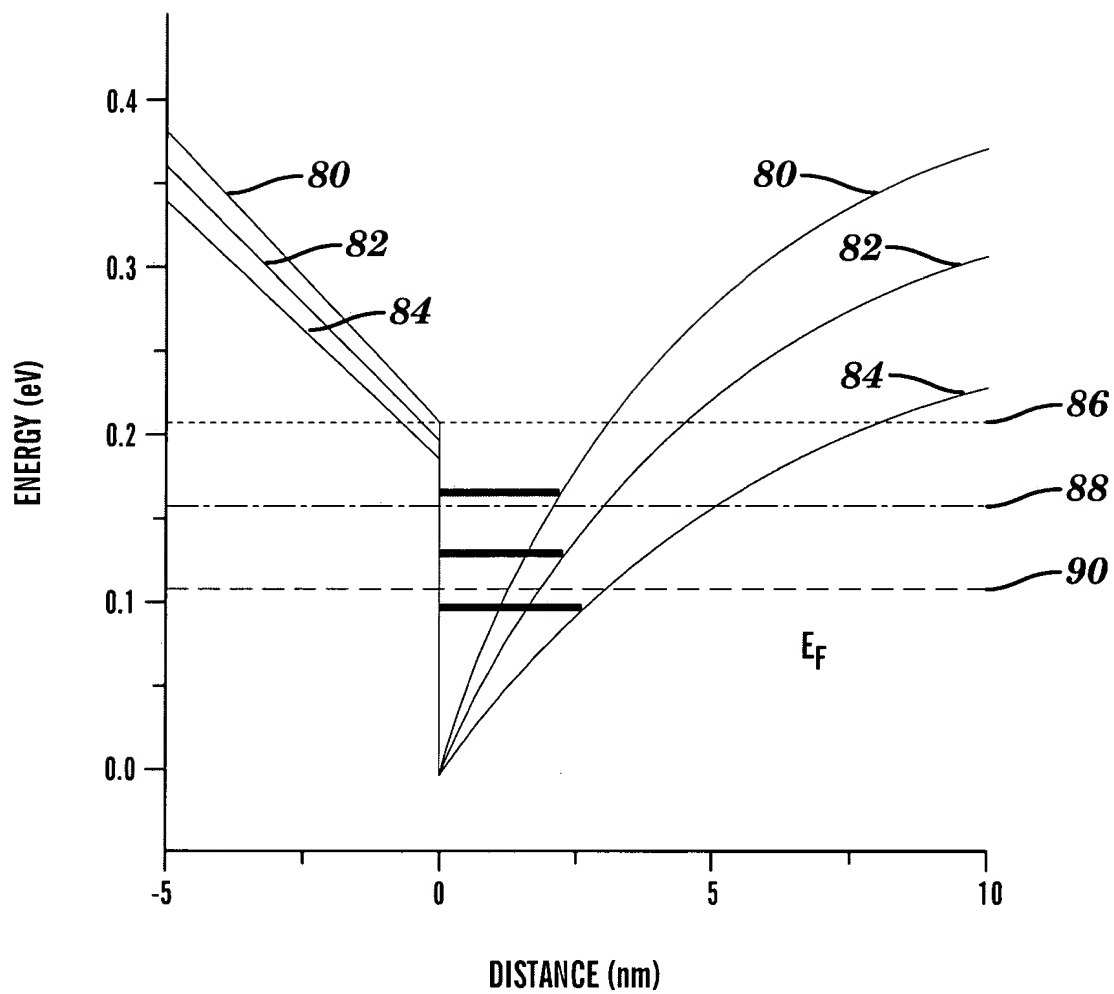
$T = 80 \text{ K}$



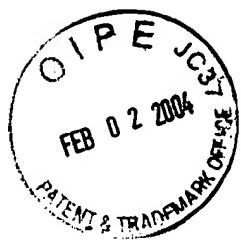
**FIG. 5a**



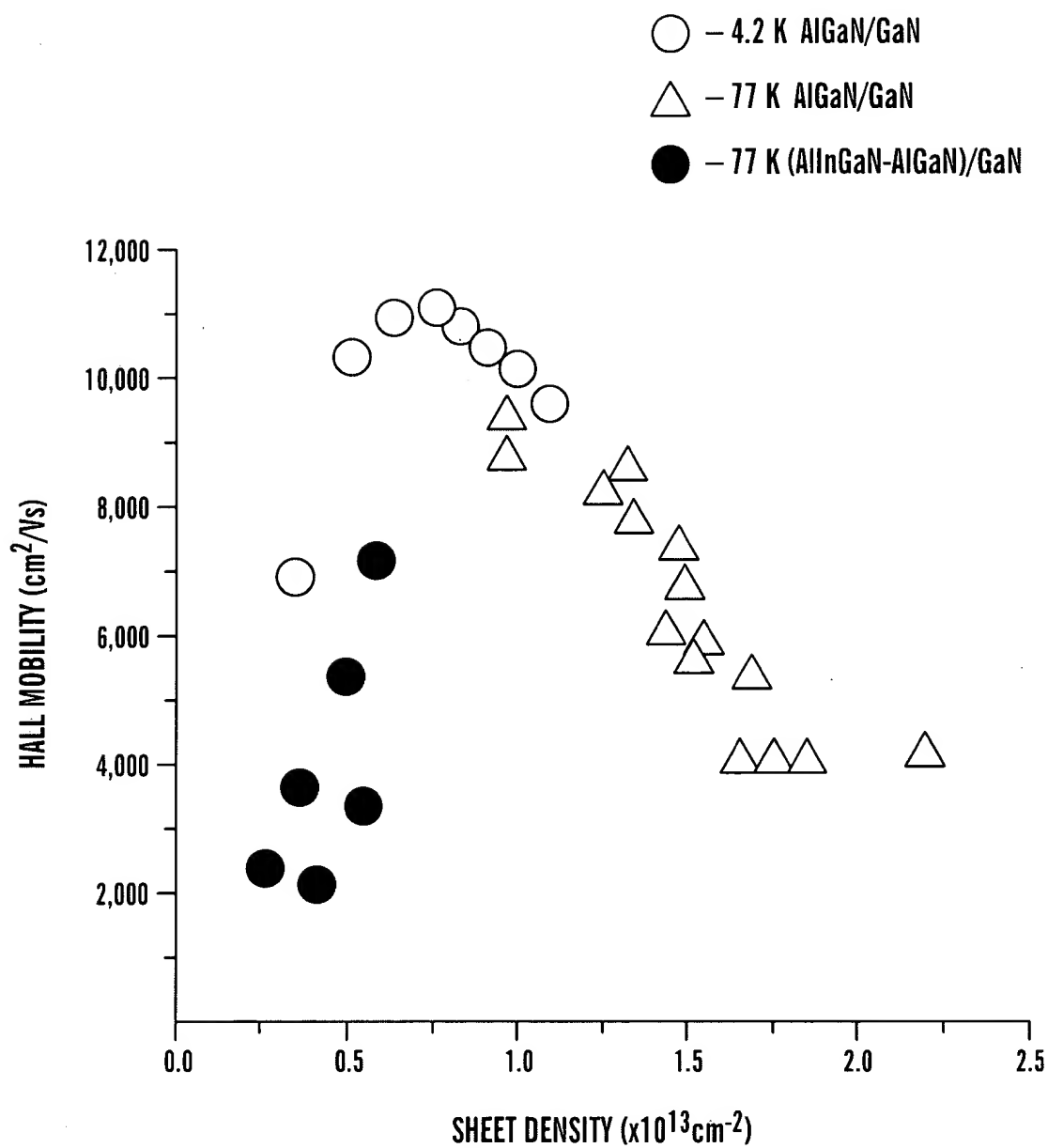
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**FIG. 5b**



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**FIG. 5c**